

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

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1. (Previously presented) A computer-implemented method comprising:
calling by a client object of a request lock method of a server object requesting
access; and,
when the server object decides to grant the access to the client object, calling by
the server object of a lock granted method of the client object,
such that the access by the client object is released when the client object returns
the lock granted method.

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2. (Previously presented) The method of claim 1, further comprising, prior to
calling by the server object of the lock granted method of the client object, deciding by
the server object to grant the access to the client object.

3. (Previously presented) The method of claim 1, further comprising returning
by the client object of the lock granted method, such that the access by the client is
released.

4. (Previously presented) The method of claim 1, wherein the access requested
by the client object is one of read-only access and read-and-write access.

5. (Previously presented) A machine-readable medium having instructions stored
thereon for execution by a server object governing access to perform a method
comprising:

receiving a call from a client object of a request lock method of the server object
requesting the access;

determining to grant the access to the client object; and,

upon determining to grant the access to the client object, calling a lock granted
method of the client object,

such that the access by the client object is released when the client object returns the lock granted method.

6. (Previously presented) The medium of claim 5, wherein the access requested by the client object is one of read-only access and read-and-write access.

7. (Previously presented) A machine-readable medium having instructions stored thereon for execution by a client object desiring access governed by a server object to perform a method comprising:

calling a request lock method of the server object requesting the access;

receiving a call from the server object to a lock granted method of the client object granting the access,

such that the access is released when the client object returns the lock granted method.

8. (Previously presented) The medium of claim 7, the method further comprising returning by the client object of the lock granted method, such that the access by the client object is released.

9. (Previously presented) The medium of claim 7, wherein the access requested by the client object is one of read-only access and read-and-write access.

10. (Previously presented) A computerized system comprising:
at least one client object, each client object having a lock granted method; and,
a server object governing access to data having a request lock method,
such that a client object requests the access to the data by calling the request lock method of the server object, and when the server object decides to grant the access to the client object, the server object calls the lock granted method of the client object, the access released by the client object when the client object returns the lock granted method.

11. (Previously presented) The system of claim 10, wherein the access requested by the client object is one of read-only access and read-and-write access.

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12. (Currently amended) A computerized system comprising:
at least one client object, each client object having a client lock granted method;
a server object governing access to data having a server request lock method;
an object queue to manage the access to the data governed by the server object by
having a proxy lock granted method and a proxy lock request method,

such that a client object requests the access to the data by calling the proxy
request lock method of the object queue, the object queue then calling the server request
lock method of the server ~~method~~ object, the server object then calling the proxy lock
granted method of the object queue, and the object queue then calling the client lock
granted method of the client object.

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13. (Previously presented) The system of claim 12, wherein the access is
released by the client object when the client object returns the client lock granted method.

14. (Previously presented) The system of claim 12, wherein the access is
released by the object queue then the object queue returns the proxy lock granted method.

15. (Previously presented) The system of claim 12, wherein the access requested
by the client is one of read-only access and read-and-write access.

16. (Previously presented) A computer-implemented method comprising:
calling by a client object of a proxy request lock method of an object queue
requesting client access to data ultimately managed via a server object;

upon determining by the object queue that the object queue currently is not
waiting for proxy access to the data, calling by the object queue of a server request lock
method of the server object requesting the proxy access;

when the server decides to grant the access to the object queue, calling by the
server object of a proxy lock granted method of the object queue; and,

calling by the object queue of a client lock granted method of the client object.

Sub B' 7 17. (Previously presented) The method of claim 16, further comprising returning by the client object of the client lock granted method, such that the client access by the client object is released.

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19. (Previously presented) The method of claim 16, wherein the client access comprises one of read-only access and read-and-write access.

20. (Previously presented) The method of claim 16, wherein the proxy access consists of red-and-write-access.